

# **Exhibit A**

**(PAGE 45 OF AS-FILED APPLICATION)**

**(Serial No.: 09/659,983)**

## ABSTRACT OF THE DISCLOSURE

A peptide that comprises a modified tandem GnRH decapeptide sequence which allows for a testosterone level that is essentially non-detectable after vaccination with the peptide in a suitable dosage and/or allows for an immunogenic response that allows for the effective discrimination between GnRH-I and GnRH-II and a method for the immunocastration of pigs.

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